

## Texas Low Emission Diesel Fuel (TxLED) Alternative Diesel Fuel Formulation Approval Notification

The alternative diesel fuel formulation listed herein has been demonstrated to the satisfaction of the executive director of the Texas Commission on Environmental Quality in accordance with the regulations specified under Title 30, Texas Administrative Code, Chapter 114, Subchapter H, Division 2, §114.315(d) to achieve comparable or better reductions in emissions of NO<sub>x</sub>, THC, NMHC, and PM to that of Texas Low Emission Diesel Fuel (TxLED). Therefore, the alternative diesel fuel formulation listed herein complies with the requirements specified under Title 30, Texas Administrative Code, Chapter 114, Subchapter H, Division 2, §114.312(f) and may be used to satisfy the requirements of §114.312(a) of this title.

Approval Date:	December 13, 2005. Revised January 23, 2006
TCEQ Assigned Identification Number:	TXLED-A-00005
Approved alternative diesel fuel formulation:	AGE Refining Low Emissions Diesel
EPA Registration Number and Name:	634412211 Low Emissions Diesel 634412211 No.2 Low Sulfur Diesel
Specifications of Approved Formulation:	<ul> <li>Minimum Cetane Index of 52;</li> <li>Maximum aromatic hydrocarbons content of 20% by volume;</li> <li>Maximum specific gravity of 0.840 or a minimum API gravity of 37;</li> <li>Minimum distillation temperature of 510 degrees Fahrenheit at the 50% volume recovery point; and</li> <li>As appropriate, except for lubricity, to comply with ASTM D975-04c (Standard Specification for Diesel Fuel Oils) or current active version of ASTM D975 for Grade No. 2-D diesel fuel.</li> </ul>
Test Method(s):	As allowed under Title 30, Texas Administrative Code, Chapter 114, Subchapter H, Division 2, §114.315(a)